

Star Formation Highlights from Spitzer

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We present a sampler of recent star formation results from Spitzer. With its unprecedented combination of sensitivity and angular resolution, Spitzer has produced some remarkable observations of young stars and their environs. We feature observations from the Young Disks program, where clusters ranging in age from < 1 Myr to > 100 Myr are surveyed in the four IRAC bands and the three MIPS bands. We present observations from a number of these clusters including NGC 2068, NGC 2071, IC 1396, and NGC 2547. In the youngest clusters we find the expected population of Class 0 and Class I sources, and we show detailed spectral energy distributions for representative objects. For the 25–30 Myr cluster NGC 2547, we present a study of the disk frequency in probable members. We find that in the IRAC bands, there is little evidence for residual disks except possibly at the lowest masses. We find a modest number of members with significant excess emission at $24\ \mu\text{m}$.